

Amendment to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

1-8 (Canceled).

9. (currently amended) A filtering induction device, comprising:

a first coil having a plurality of circles, wherein the first coil is used as an inductor and is covered with an isolation material;

a second coil having a plurality of circles, wherein the second coil has one terminal grounded and is interlacing interlaced with the plurality of circles of the first coil; and

a core structure coupled to the first and second coils.

10. (original) The filtering induction device of claim 9, wherein the first coil is a flat coil.

11. (original) The filtering induction device of claim 9, wherein the second coil is a flat coil.

12. (original) The filtering induction device of claim 9, wherein the core structure is further comprised of:

a core base adapted to contain the first and second coils; and

a core cover disposed on the core base.

13. (original) The filtering induction device of claim 12, wherein the core base is provided with at least one opening on a sidewall thereof, via which the first and second coils extend out from the core base.

14. (canceled)

15. (new) A filtering induction device, comprising:
a first coil having a plurality of continued circles, wherein the first coil is used as an inductor and is covered with an isolation material;
a second coil having a plurality of continued circles interlacing with the plurality of circles of the first coil; and
a core structure coupled to the first and second coils.

16. (new) The filtering induction device of claim 15, wherein the first coil is a flat coil.

17. (new) The filtering induction device of claim 15, wherein the second coil is a flat coil.

18. (new) The filtering induction device of claim 15, wherein the core structure is further comprised of:

a core base adapted to contain the first and second coils; and
a core cover disposed on the core base.

19. (new) The filtering induction device of claim 18, wherein the core base is provided with at least one opening on a sidewall thereof, via which the first and second coils extend out from the core base.

20. (new) The filtering induction device of claim 15, wherein a terminal of the second coil is grounded.